

Table 1-10
Engineering and computer/information science course enrollment of students in grade 11, by student and family characteristics: 2012

(Percent)

Student and family characteristic	Engineering	Computer/ information science
All students	2.0	5.7
Sex		
Male	3.3	7.2
Female	0.7	4.2
Race or ethnicity		
White	2.1	5.5
Black	1.9	5.6
Hispanic ^a	1.6	6.2
Asian	1.9	6.9
Other	2.1	5.7
Parents' highest education ^b		
Less than high school	1.4	8.1
High school diploma or equivalent	1.2	7.7
Associate's degree	2.4	4.2
Bachelor's degree	1.5	4.7
Master's degree or higher	2.6	5.6
Highest mathematics course in grade 9		
No math	2.3	6.4
Basic math/pre-algebra	1.5	4.0
Algebra 1	1.7	5.5
Above algebra 1	2.4	6.4
Students' educational expectations in grade 9		
High school or less	1.9	5.3
Some college	1.8	4.6
Bachelor's degree	2.3	6.4
Graduate/professional degree	2.1	5.9
Don't know	1.7	5.7
Control of school in grade 12		
Public	2.1	5.8
Private	1.0	4.0
Socioeconomic status in grade 12 ^c		



Student and family characteristic	Engineering	Computer/ information science
Lowest fifth	1.4	7.8
Middle three-fifths	2.1	5.1
Highest fifth	2.2	5.6

^a Hispanic may be any race. Asian, black or African American, white, and other races refer to individuals who are not of Hispanic origin.

^b The highest level of education achieved by either parent.

^c Socioeconomic status (SES) is a composite variable derived from parental education level, parental occupation, and family income. The quintile measure divides the SES distribution into five equal quintile groups. Quintile 1 corresponds to the lowest one-fifth of the population, and quintile 5 corresponds to the highest. For this report, the middle three quintiles are combined into one category.

NOTE: Percentages may not add to total because of rounding.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2014) of High School Longitudinal Study of 2009 (HSL:09), National Center for Education Statistics. See appendix table 1-11.

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